

Amendments to the Specification

Please add the following new heading before paragraph [0001]:

BACKGROUND

Please add the following new heading before paragraph [0003]:

SUMMARY OF THE INVENTION

Amend the following paragraphs:

[0003] ~~The~~ An object of the present invention is thus to provide a pump which does not have these disadvantages.

[0004] ~~This object is achieved by~~ The present invention provides a pump, e.g., for conveying lubricating oil to an internal combustion engine, in particular a multi-stroke vane-cell pump in which the rotatable group has a rotor having vanes that are movable at least in a radial direction, a stroke profile along which the vane heads slide tightly and two axial lateral lids such as lateral plates or casing walls, the stroke profile and a first axial lateral plate being formed by a sheet metal pot. The sheet metal pot is preferably manufacturable by deep drawing. In addition, a pump in which a second axial lateral plate is formed by a sheet metal lid is also preferred. A pump according to the present invention ~~is~~ may be characterized in that the sheet metal lid has an embossed shoulder having an outside profile in the shape of the stroke profile. This has the advantage that after insertion into the sheet metal pot, the sheet metal lid covers the rounded edges of the sheet metal pot formed by the deep-drawing operation and thus creates a narrow sealing gap within the rotatable group. According to the present invention, the sheet metal lid may be manufactured by precision blanking or fine-edge blanking.

[0005] A pump according to the present invention ~~is~~ may be characterized in that the intake openings are formed by radial openings in the sheet metal pot. This has the advantage that the rotatable group has a narrow design because the suction channel may be situated around the

sheet metal pot radially and need not be situated axially on the opposite side of the pressure channel.

[0006] A pump in which the outlet openings are formed by axial openings (pressure pockets) and optionally the at least one radial opening in the sheet metal pot is preferred. According to the present invention, the radial outlet opening is may be closable by a temperature switching valve or a pressure switching valve and thus establishes a switchable delivery area. This has the advantage that the pump delivers pressurized oil to both delivery areas as a function of the temperature-dependent or pressure-dependent lubricating oil demand for the internal combustion engine, or it conveys pressurized oil to only one delivery area, the second delivery area also going along without a pressure buildup, possibly resulting in a substantial power-saving effect.

[0007] A pump according to the present invention also may be ~~is~~ characterized in that the temperature switching valve has an excess stroke spring. This has the advantage that after the radial outlet opening is sealed by the temperature switching valve and if there is no further expansion of a thermal expansion element due to an increase in temperature of the lubricating oil, the expansion element is able to execute an additional expansion movement against the excess stroke spring without any deformation or destruction.

[0009] Another pump according to the present invention may be ~~is~~ characterized in that the axial outlet opening of the switchable conveyor area is closable by a reed nonreturn valve. The reed nonreturn valve then may have ~~has~~ the same shape as the stroke profile curvature. The reed nonreturn valve may ~~is~~ also be mounted on a journal made of plastic in the plastic casing. The reed nonreturn valve ~~is also~~ may be protected from overstrain by a stroke stop in the plastic casing. This design of the reed nonreturn valve has the advantage of being very inexpensive while also being integrated into the pump in a neutral manner in terms of space.

[0010] A pump according to the present invention ~~is~~ also may be characterized in that the sheet metal pot has a notched or impressed cold start ring, which guides the vanes outward according to the stroke profile beneath the vanes in a cold operating state and steers against the stroke profile. In addition, a pump in which the rotor has grooves or indentations to receive the cold

start ring is also preferred. In another preferred pump, the sheet metal lid has a notched or impressed cold start ring.

[0011] A pump according to the present invention ~~is~~ also may be characterized in that the sheet metal lid has apparent pressure pockets impressed in it, i.e., pressure pockets without through-openings which produce only an axial pressure surface compensation for the rotor in the pressure area.

Please add the following new heading before paragraph [0013]:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following new heading before paragraph [0025]:

DETAILED DESCRIPTION

Amend the following paragraph:

[0033] Figure 10 shows a cross section of an alternative version of cold start ring 54.1 in comparison with the version of cold start ring 54 in Figure 3. Cold start contour 54.1 is pressed out of sheet metal pot 1 by blanking and thus engages beneath vane 3 which is situated in lift ring 7 and thus guides vane 3 along the stroke profile of sheet metal lid 40 ~~4~~.

Please replace the heading on page 9 with the following heading:

~~PATENT CLAIMS~~ WHAT IS CLAIMED IS: